

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007014.D
 Acq On : 08 Aug 2019 08:04
 Operator : HP/JU
 Sample : K3962-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP29

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:17 AM

Quant Time: Aug 08 11:27:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	7965	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	31813	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	19246	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	48439m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	37367m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	28849m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	10889	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	34692m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.28	128	2806	0.031	ng/ul#	88
7) Acenaphthylene	13.83	152	3868	0.035	ng/ul#	92
8) Acenaphthene	14.18	153	4174	0.055	ng/ul	99
9) Fluorene	15.17	166	5043	0.055	ng/ul#	98
12) Phenanthrene	16.90	178	105745m	0.685	ng/ul	
13) Anthracene	16.99	178	30469m	0.193	ng/ul	
15) Fluoranthene	18.93	202	287121m	1.496	ng/ul	
17) Pyrene	19.30	202	345085	2.069	ng/ul	99
18) Benzo(a)anthracene	21.06	228	198510m	1.209	ng/ul	
19) Chrysene	21.11	228	191279	1.244	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	155037m	1.326	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	55626m	0.491	ng/ul	
23) Benzo(a)pyrene	23.12	252	122773m	1.115	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.31	276	61710m	0.520	ng/ul	
25) Dibenzo(a,h)anthracene	25.32	278	19429m	0.205	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	63252m	0.635	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

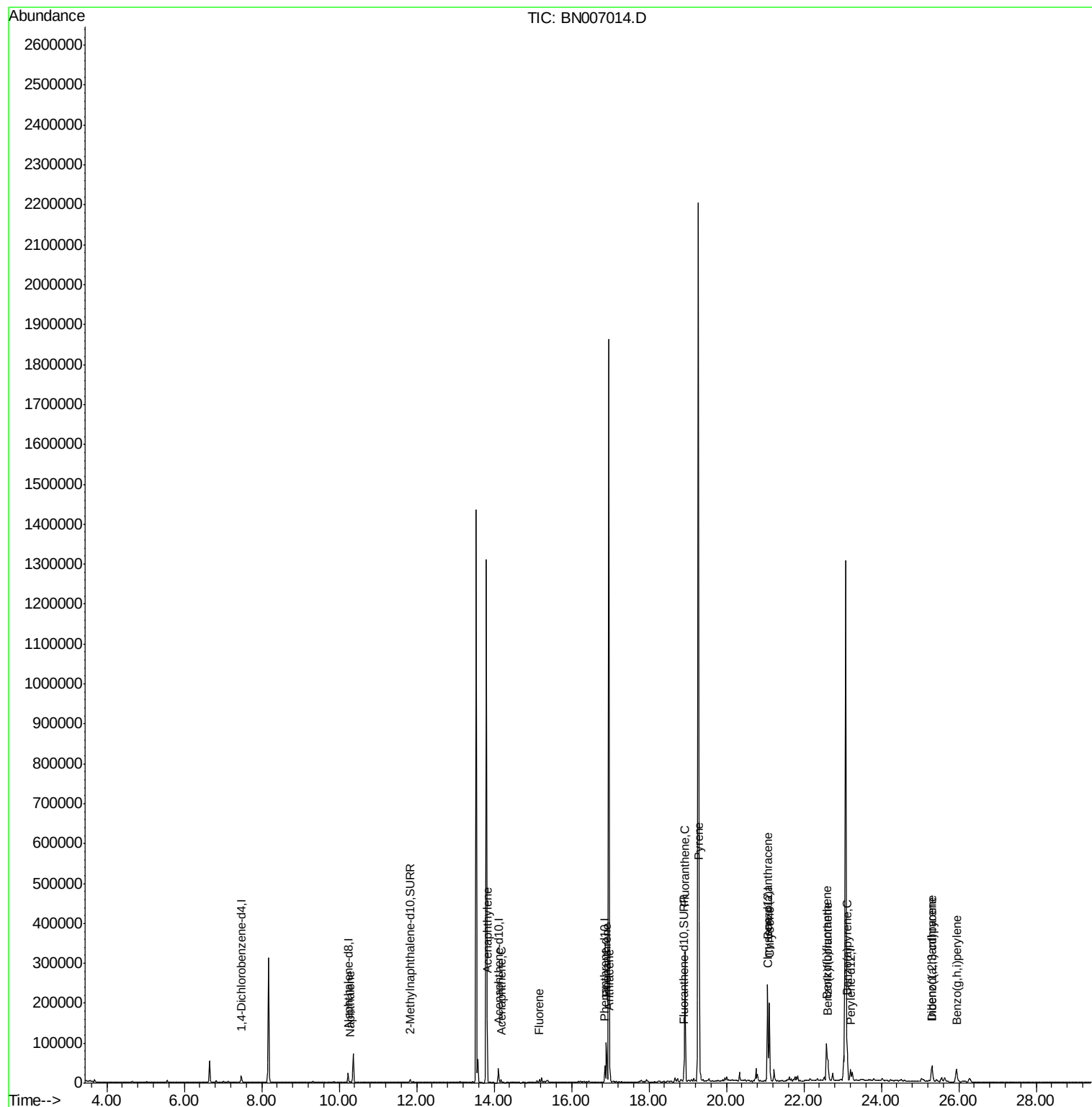
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007014.D
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ALS Vial : 35 Sample Multiplier: 1

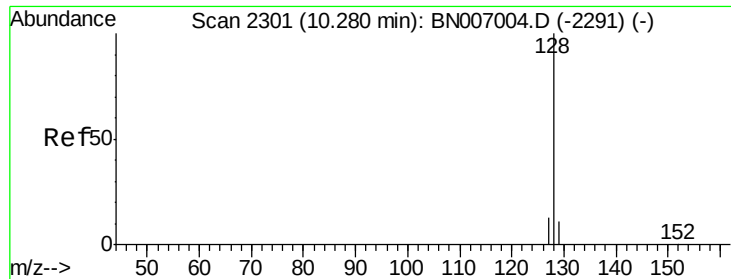
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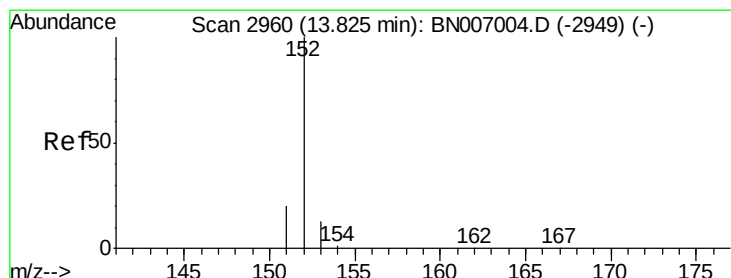
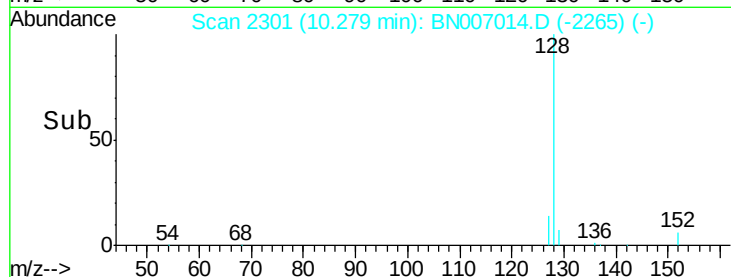
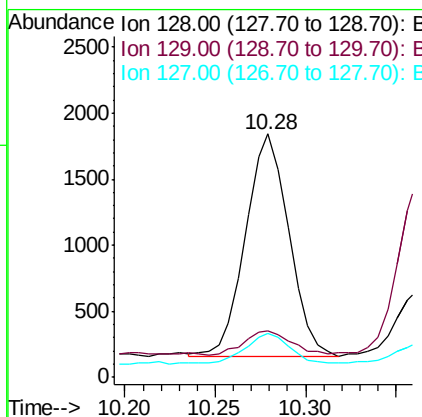
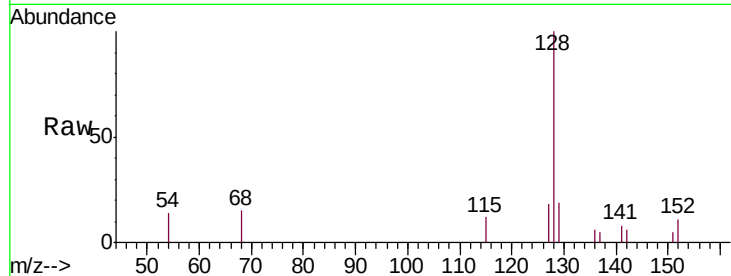
#3
Naphthalene
Concen: 0.031 ng/ul
RT: 10.28 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BN007014.D
Acq: 08 Aug 2019 08:04

Instrument :
BNA_N
ClientSampleId :
BEP29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	18.9	10.0	15.0#
127	18.3	11.7	17.5#

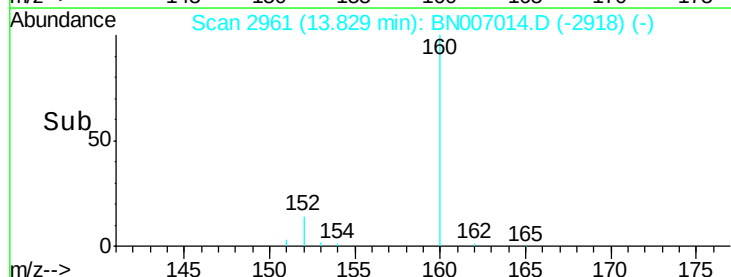
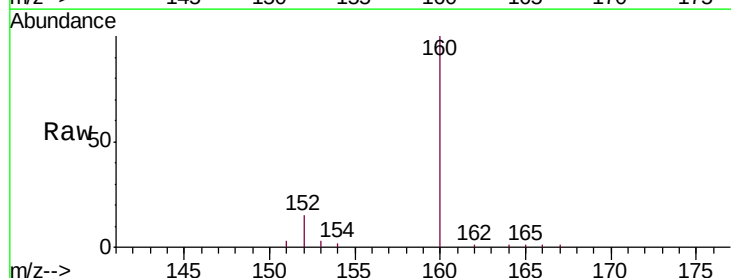
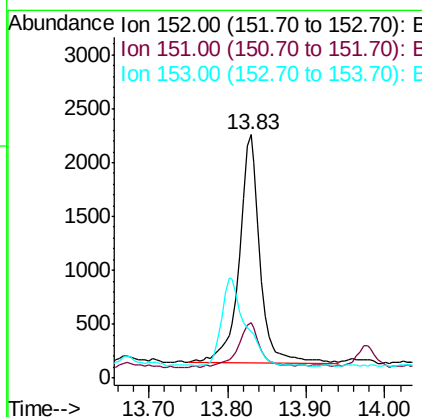
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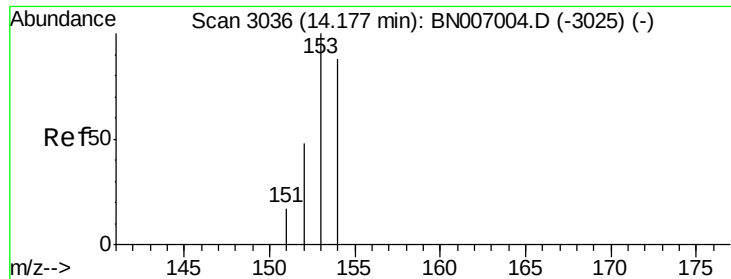
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#7
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.83 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BN007014.D
Acq: 08 Aug 2019 08:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.3	24.5
153	19.0	11.0	16.4#





#8

Acenaphthene

Concen: 0.055 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Instrument :

BNA_N

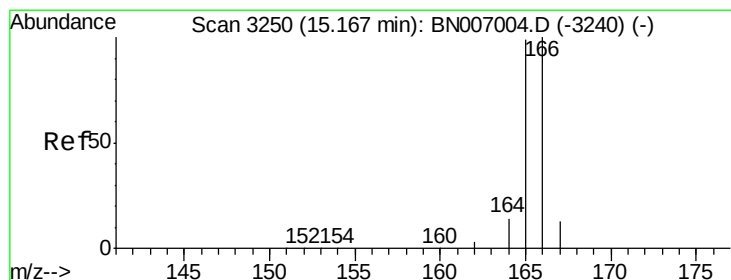
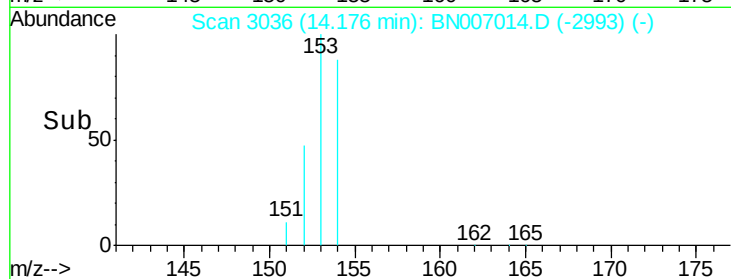
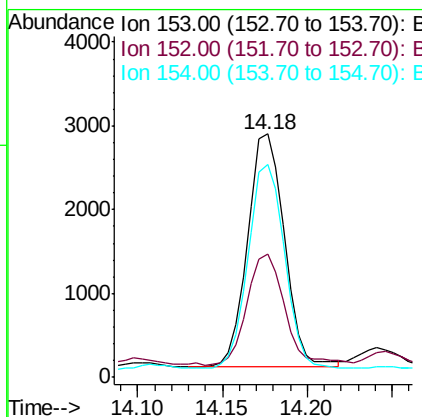
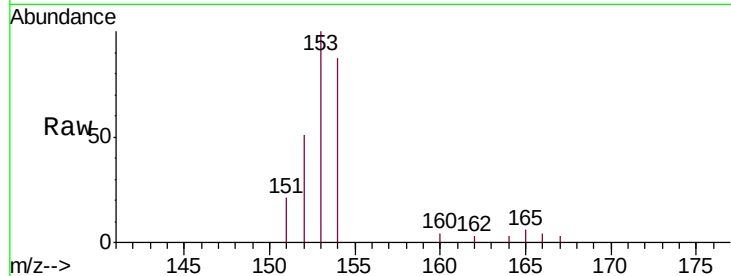
ClientSampleId :

BEP29

Tgt Ion:	153	Resp:	4174
Ion	Ratio	Lower	Upper
153	100		
152	50.8	39.4	59.2
154	87.5	70.1	105.1

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#9

Fluorene

Concen: 0.055 ng/ul

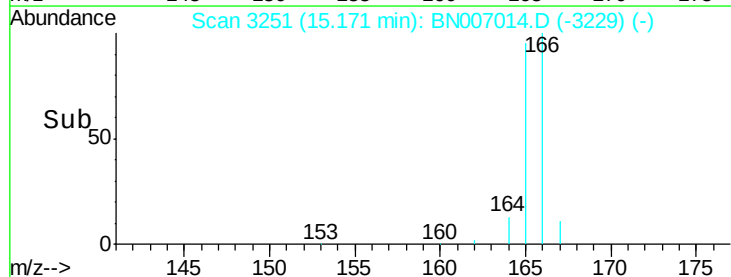
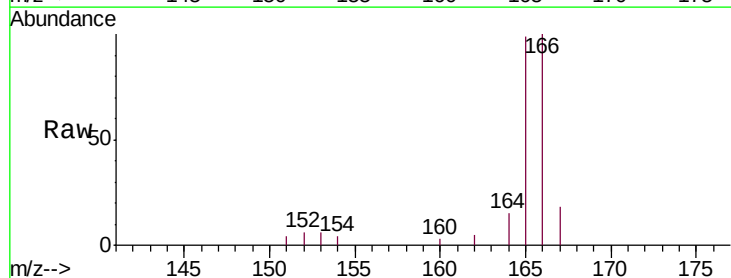
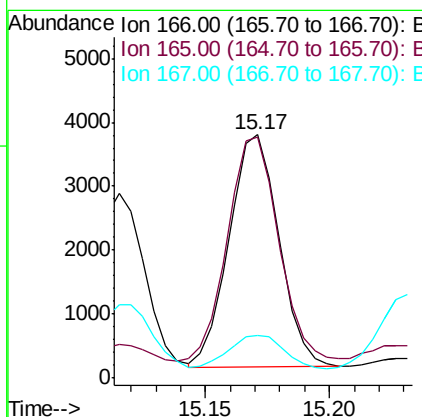
RT: 15.17 min Scan# 3251

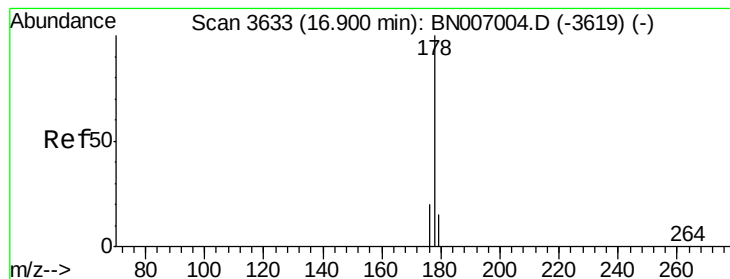
Delta R.T. -0.00 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Tgt Ion:	166	Resp:	5043
Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.8	118.2
167	17.8	11.3	16.9





#12

Phenanthrene

Concen: 0.685 ng/ul m

RT: 16.90 min Scan# 3633

Delta R.T. -0.00 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Instrument :

BNA_N

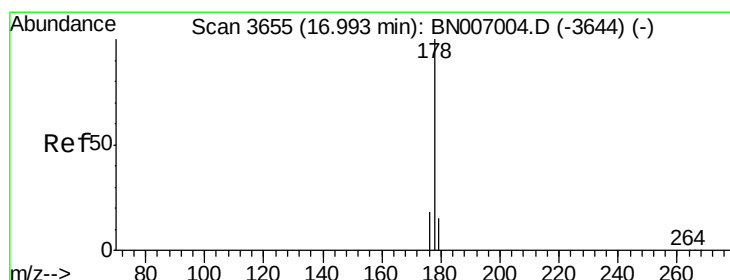
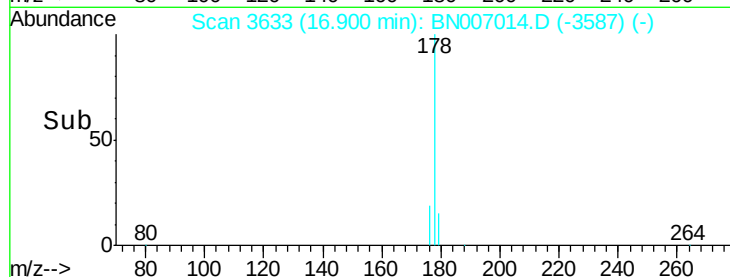
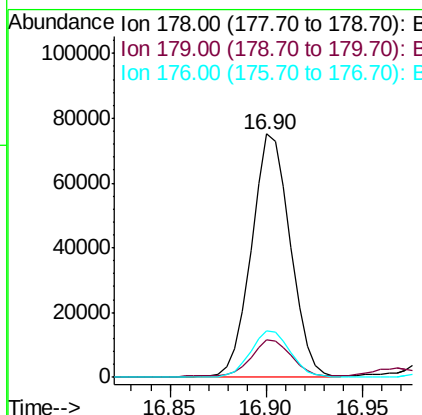
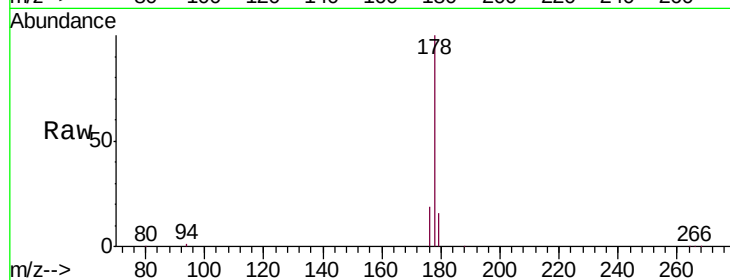
ClientSampleId :

BEP29

Tgt	Ion:178	Resp:	105745
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.3	15.6	23.4

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#13

Anthracene

Concen: 0.193 ng/ul m

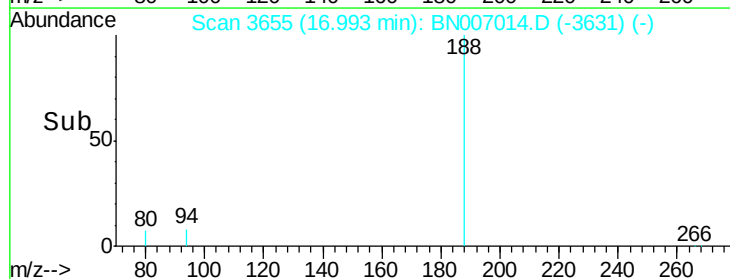
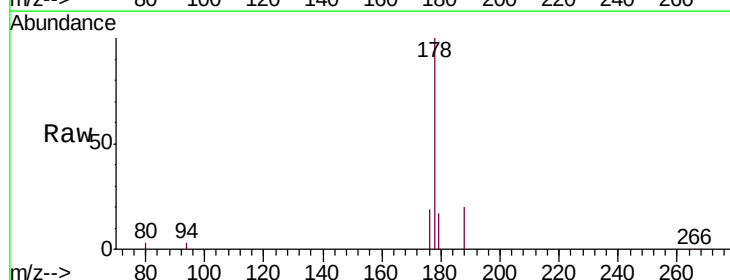
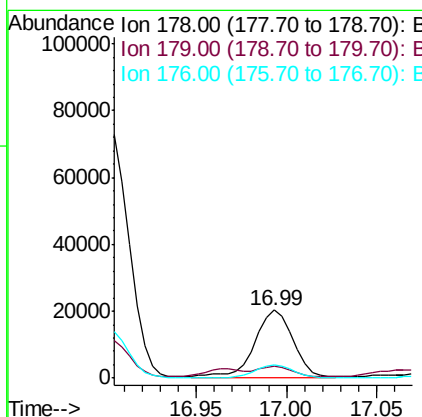
RT: 16.99 min Scan# 3655

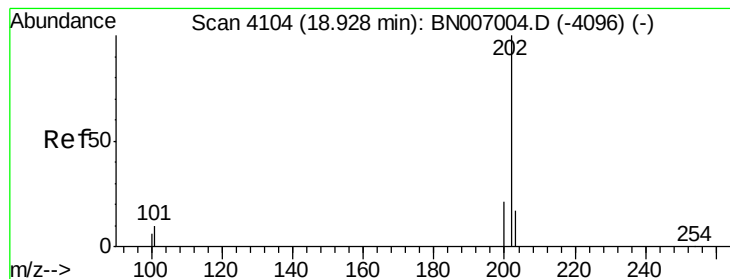
Delta R.T. -0.00 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Tgt	Ion:178	Resp:	30469
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	18.8
176	19.1	15.4	23.0





#15

Fluoranthene

Concen: 1.496 ng/ul m

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Instrument :

BNA_N

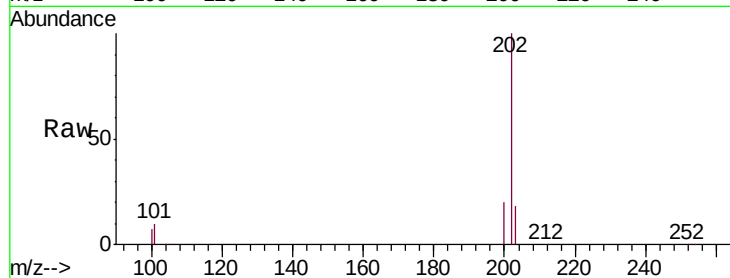
ClientSampleId :

BEP29

Tgt Ion:	202	Resp:	287121
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.0
100	7.2	0.0	27.7

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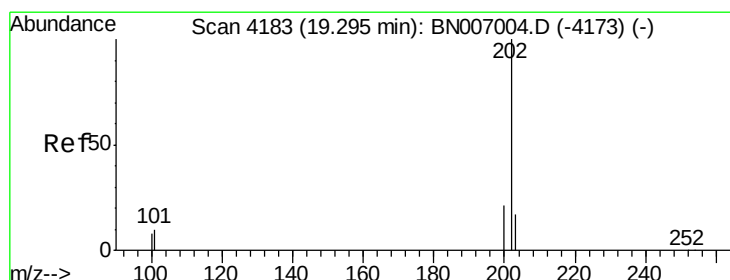
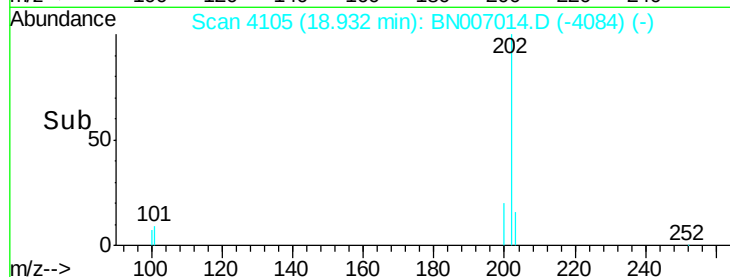
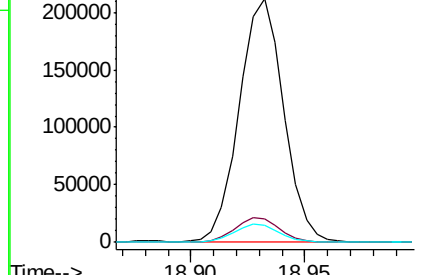
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 2.069 ng/ul

RT: 19.30 min Scan# 4184

Delta R.T. -0.00 min

Lab File: BN007014.D

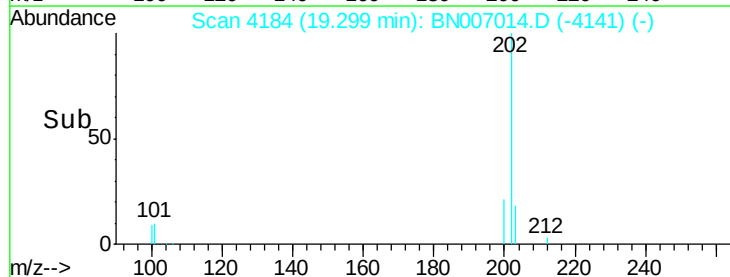
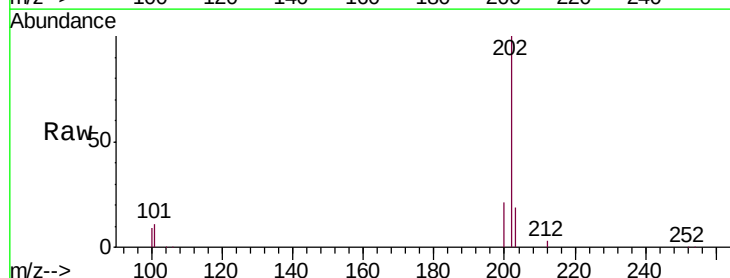
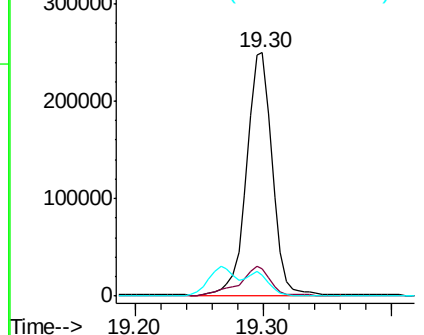
Acq: 08 Aug 2019 08:04

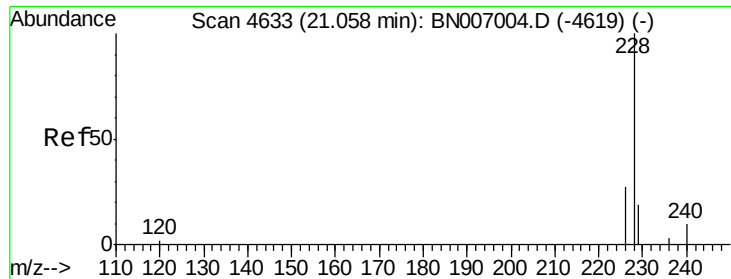
Tgt Ion:	202	Resp:	345085
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.3	13.9
100	8.7	7.3	10.9

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1.209 ng/ul m

RT: 21.06 min Scan# 4634

Delta R.T. -0.00 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Instrument :

BNA_N

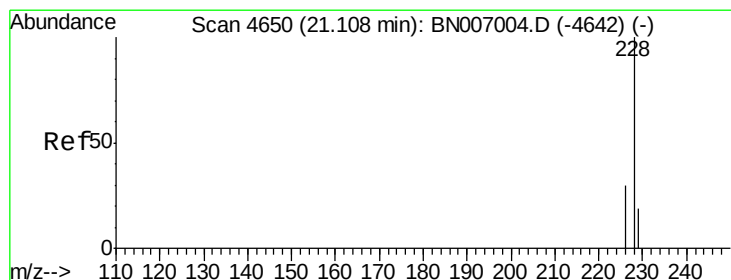
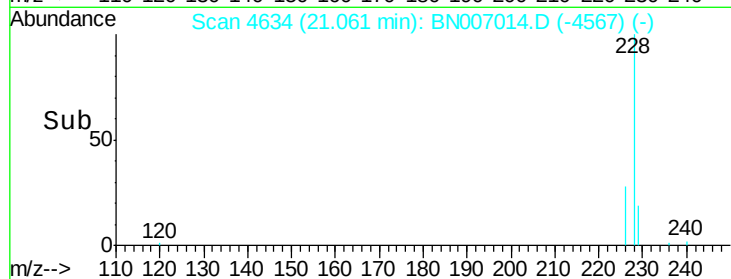
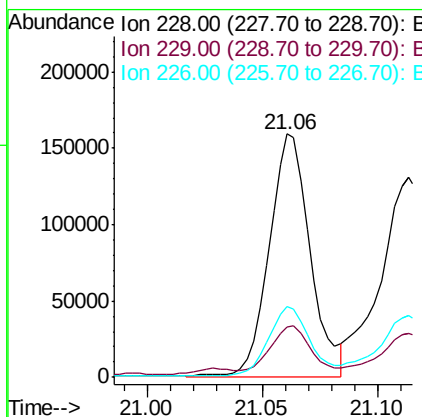
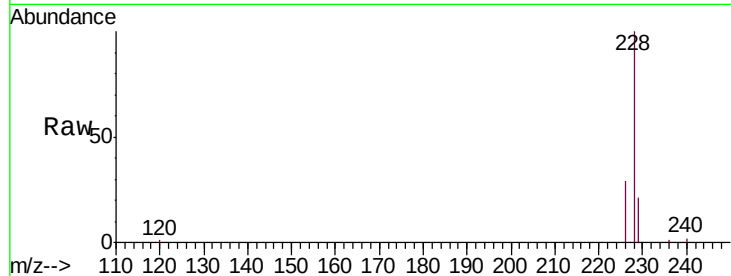
ClientSampleId :

BEP29

Tgt Ion:	228	Resp:	198510
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.9	23.9
226	28.9	22.2	33.4

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#19

Chrysene

Concen: 1.244 ng/ul

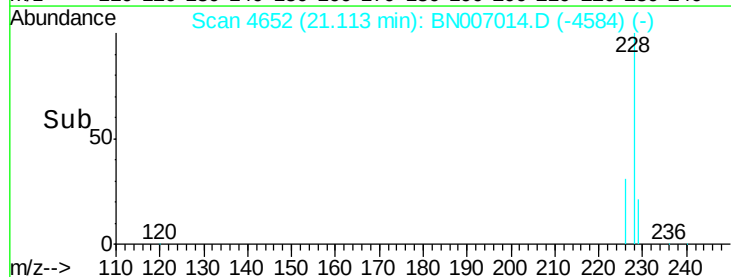
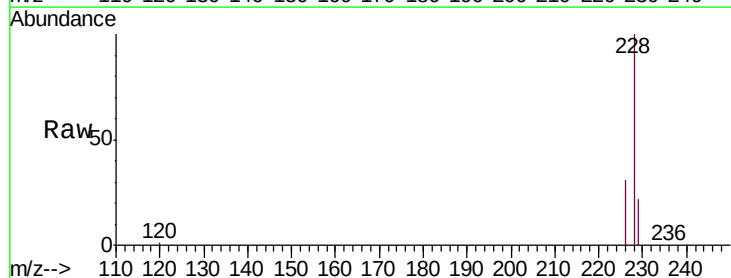
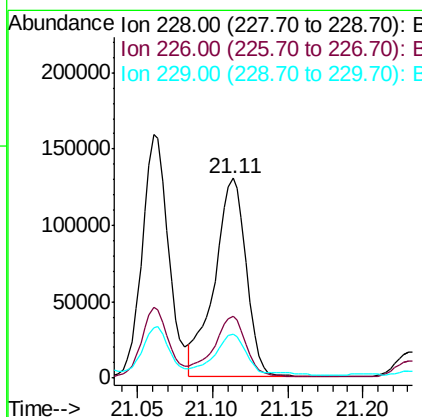
RT: 21.11 min Scan# 4652

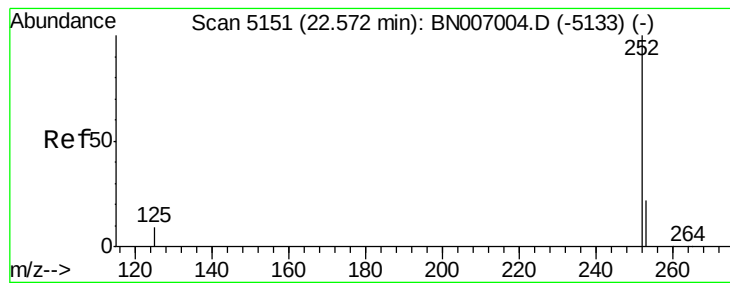
Delta R.T. -0.00 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Tgt Ion:	228	Resp:	191279
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.7	37.1
229	21.9	15.5	23.3





#21

Benzo(b)fluoranthene

Concen: 1.326 ng/ul m

RT: 22.58 min Scan# 5155

Delta R.T. 0.00 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Instrument :

BNA_N

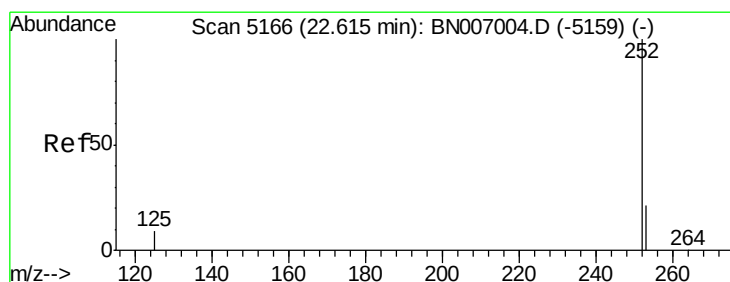
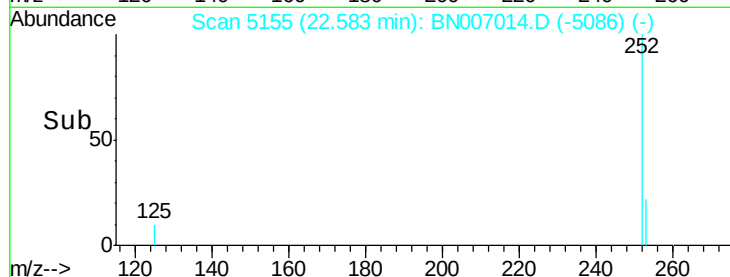
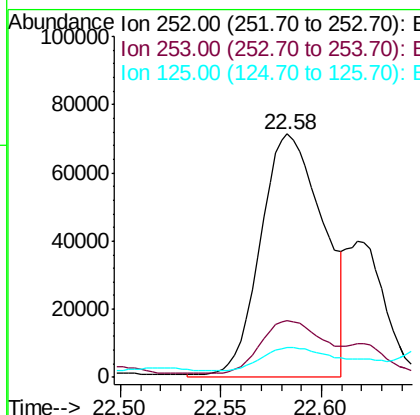
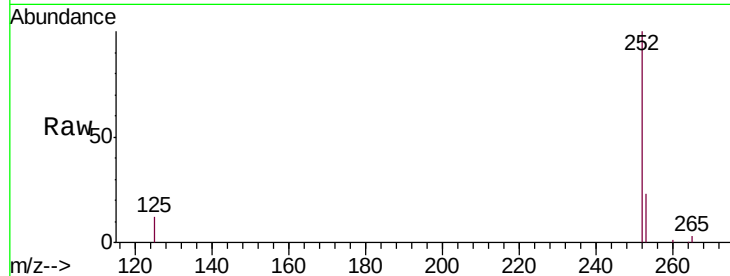
ClientSampled :

BEP29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	155037		
253	23.3	0.0	45.2	
125	12.4	0.0	22.2	

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#22

Benzo(k)fluoranthene

Concen: 0.491 ng/ul m

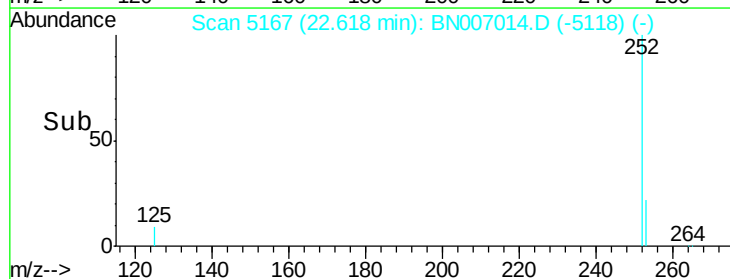
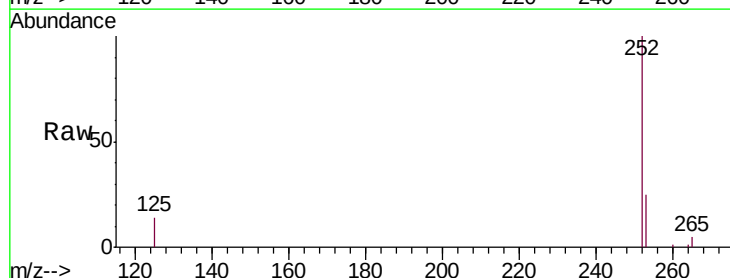
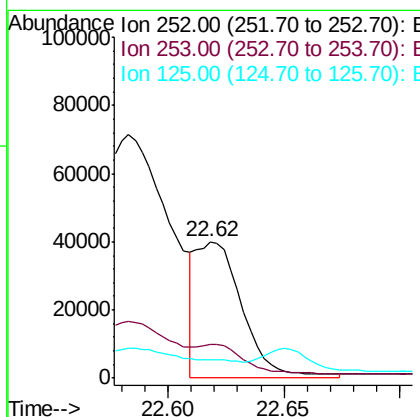
RT: 22.62 min Scan# 5167

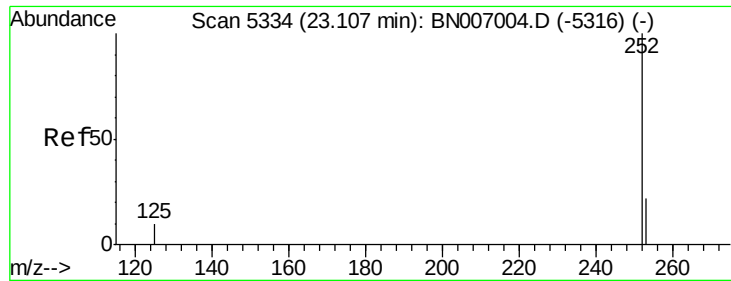
Delta R.T. -0.01 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	55626		
253	24.7	18.6	28.0	
125	13.9	8.7	13.1#	





#23

Benzo(a)pyrene

Concen: 1.115 ng/ul m

RT: 23.12 min Scan# 5338

Delta R.T. 0.00 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Instrument :

BNA_N

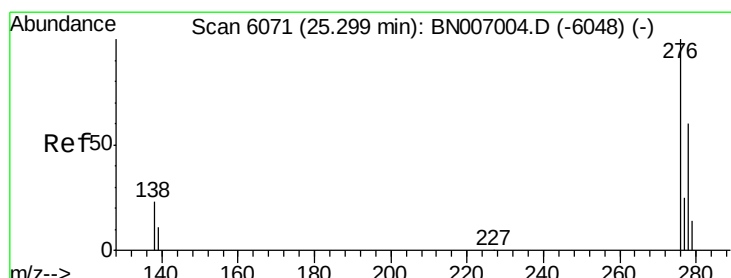
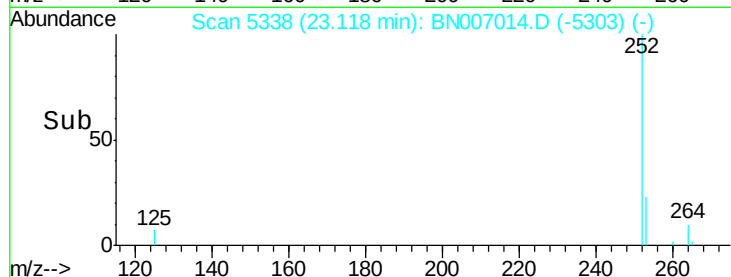
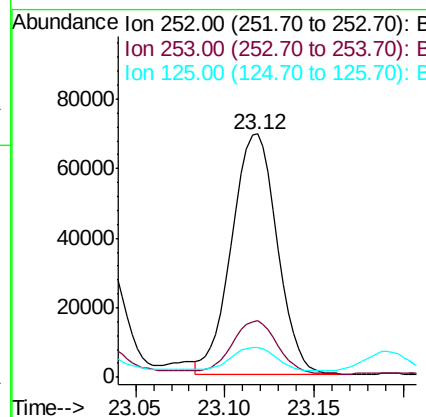
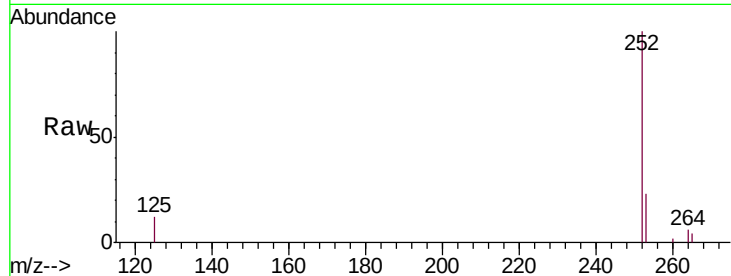
ClientSampleId :

BEP29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	122773		
253	23.2	18.0	27.0	
125	12.3	10.0	15.0	

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.520 ng/ul m

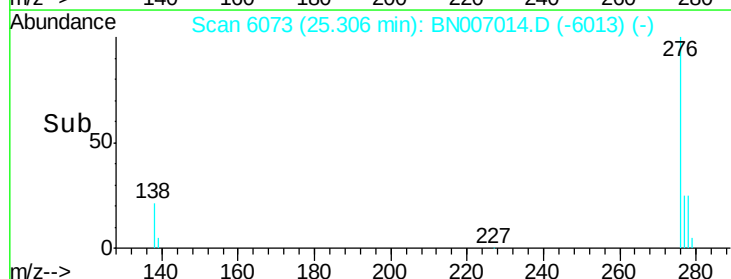
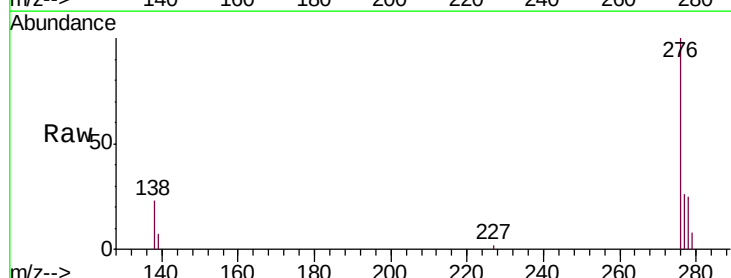
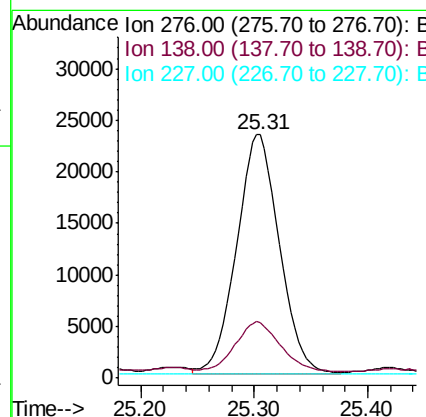
RT: 25.31 min Scan# 6073

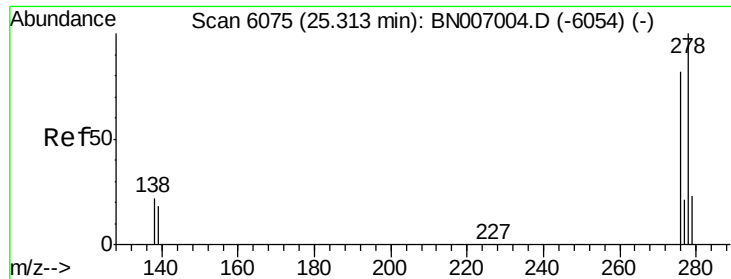
Delta R.T. -0.00 min

Lab File: BN007014.D

Acq: 08 Aug 2019 08:04

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	61710		
138	3.6	19.9	29.9#	
227	0.3	0.2	0.4	





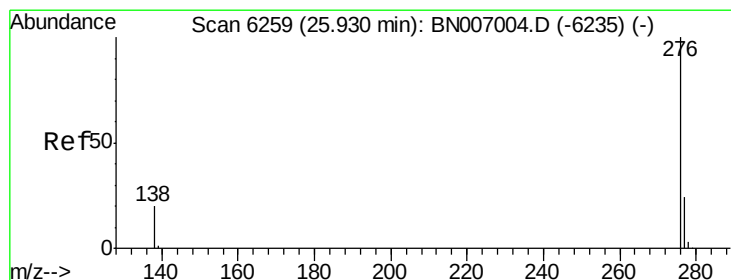
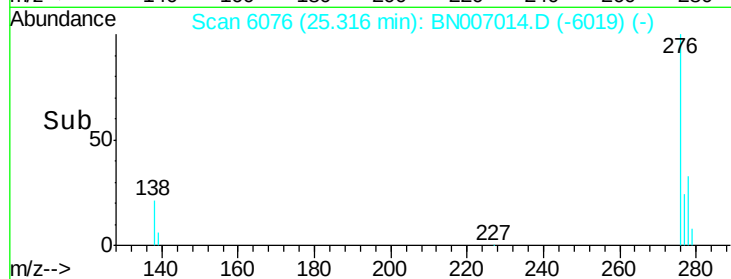
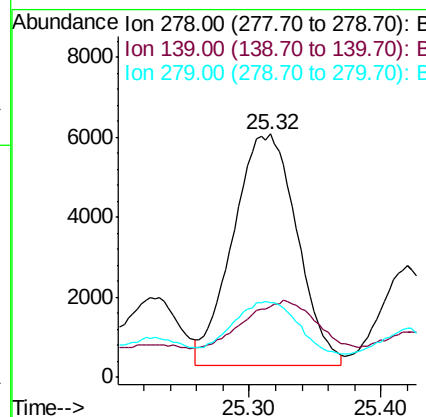
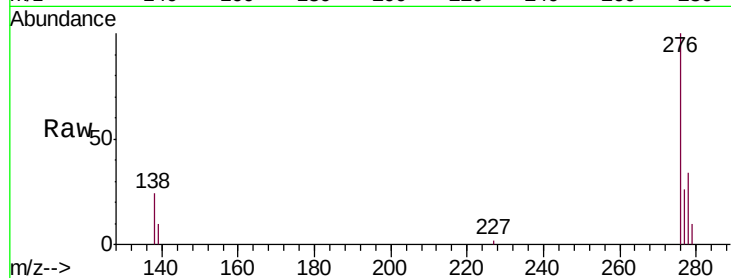
#25
Dibenzo(a,h)anthracene
Concen: 0.205 ng/ul m
RT: 25.32 min Scan# 6076
Delta R.T. -0.01 min
Lab File: BN007014.D
Acq: 08 Aug 2019 08:04

Instrument :
BNA_N
ClientSampleId :
BEP29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.1	14.3	21.5#
279	30.9	19.6	29.4#

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:17 AM



#26
Benzo(g,h,i)perylene
Concen: 0.635 ng/ul m
RT: 25.94 min Scan# 6262
Delta R.T. 0.00 min
Lab File: BN007014.D
Acq: 08 Aug 2019 08:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.7	28.1
277	24.8	19.3	28.9

